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TITS-SKVORTSOVA, I. N., LEVINA, S. YA.,
LONOVA, A. I. AND KARASEVA, E. A.

THE SYNTHESIS AND CATALYTIC TRANSFORMATIONS OF ALIPHATIC SULFIDES IN CONTACT WITH AN ALUMINOSILICATE CATALYST

8 pages

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Consultants Bureau Translation

A-4862

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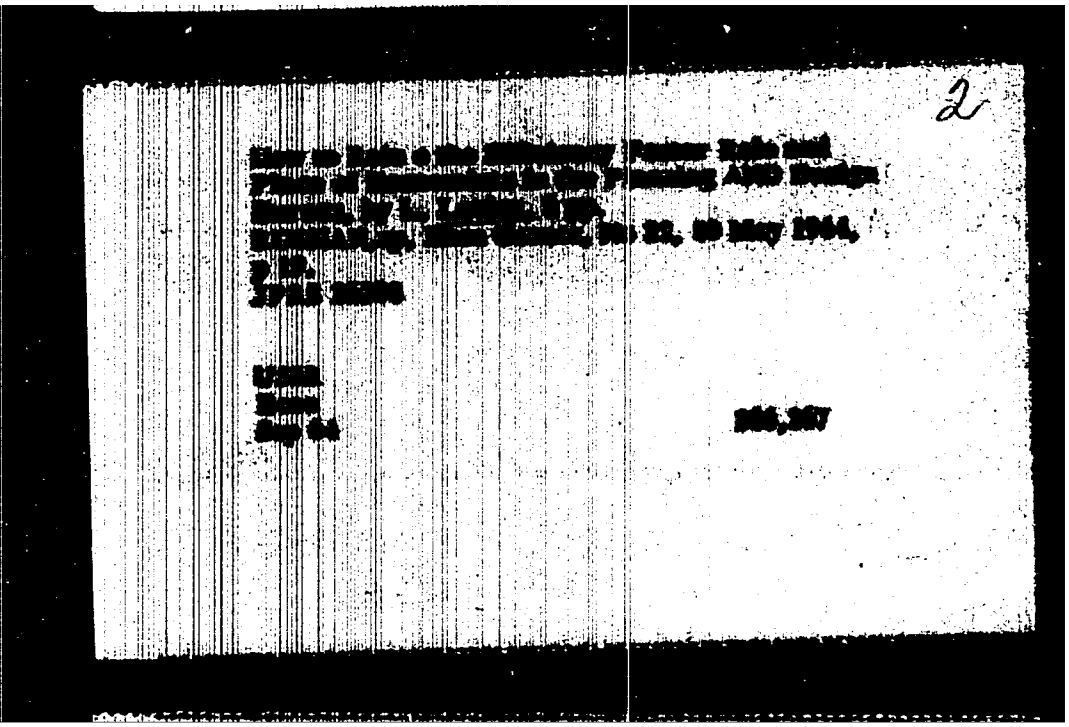

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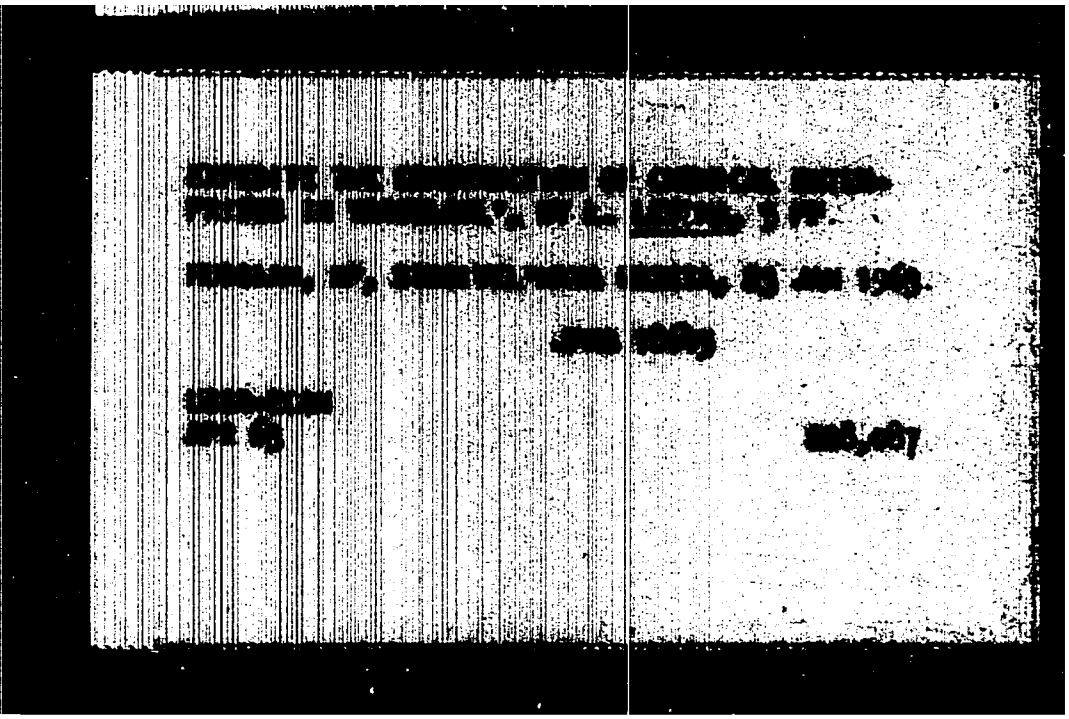

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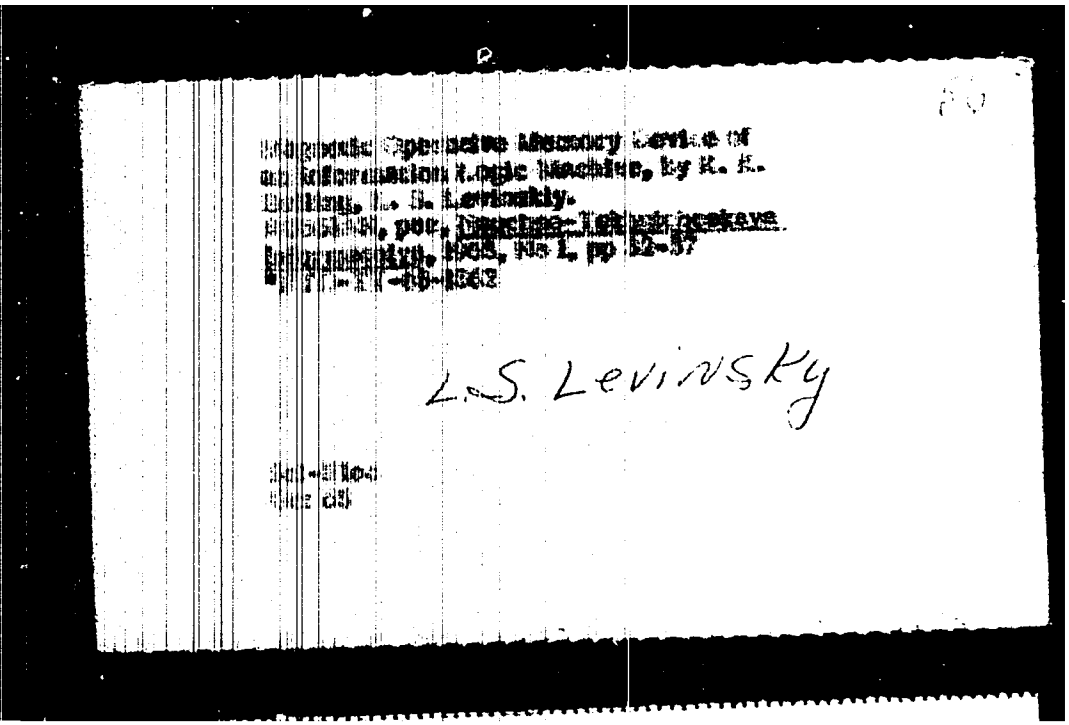

L. S. Levinsky

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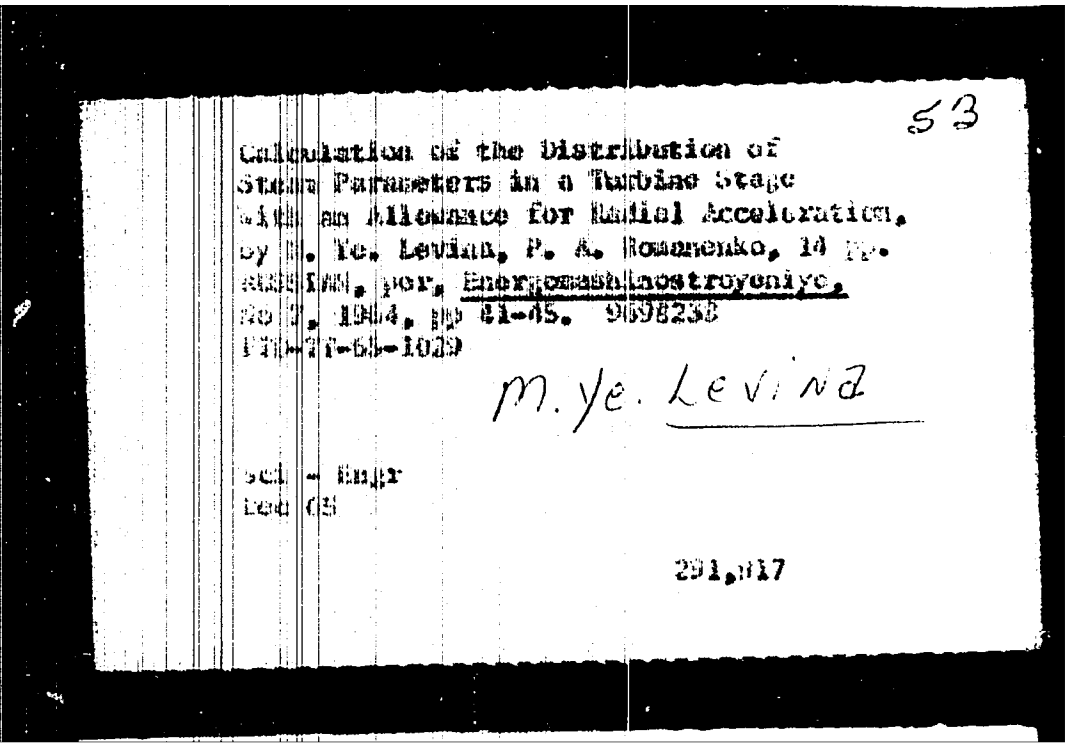

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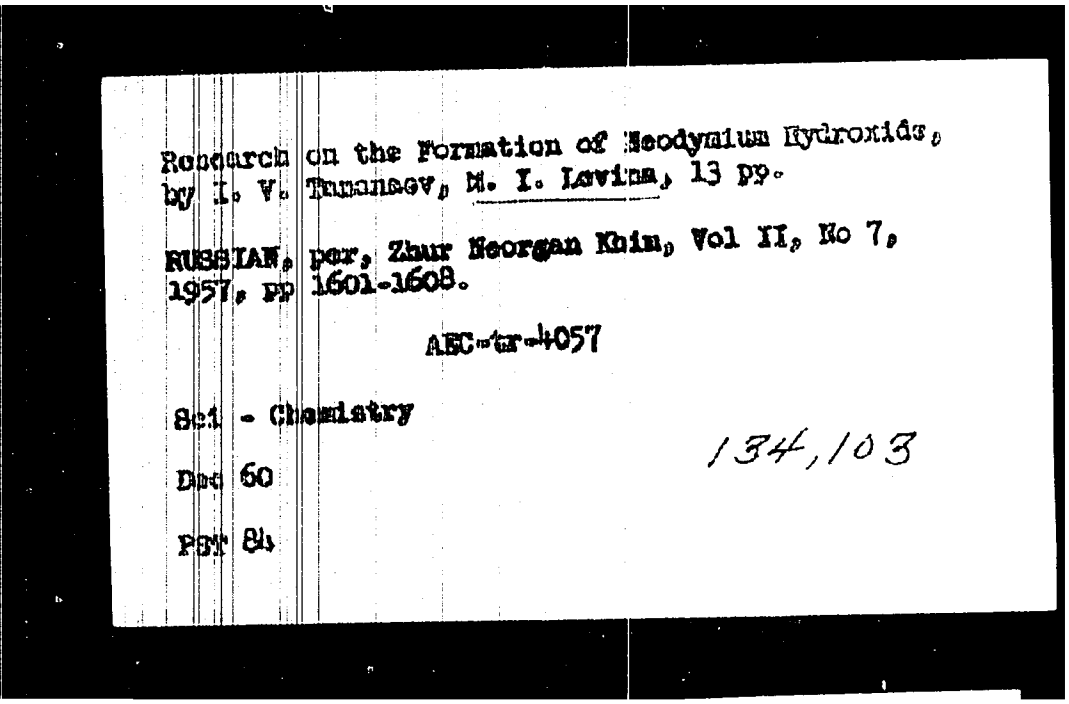

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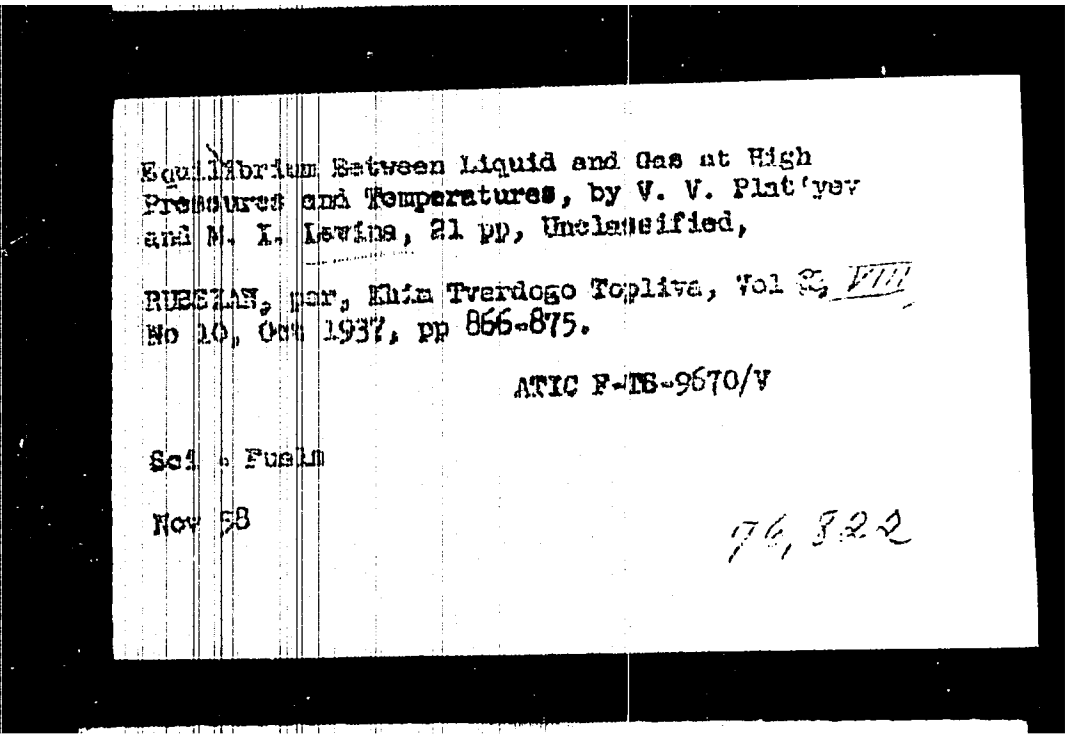

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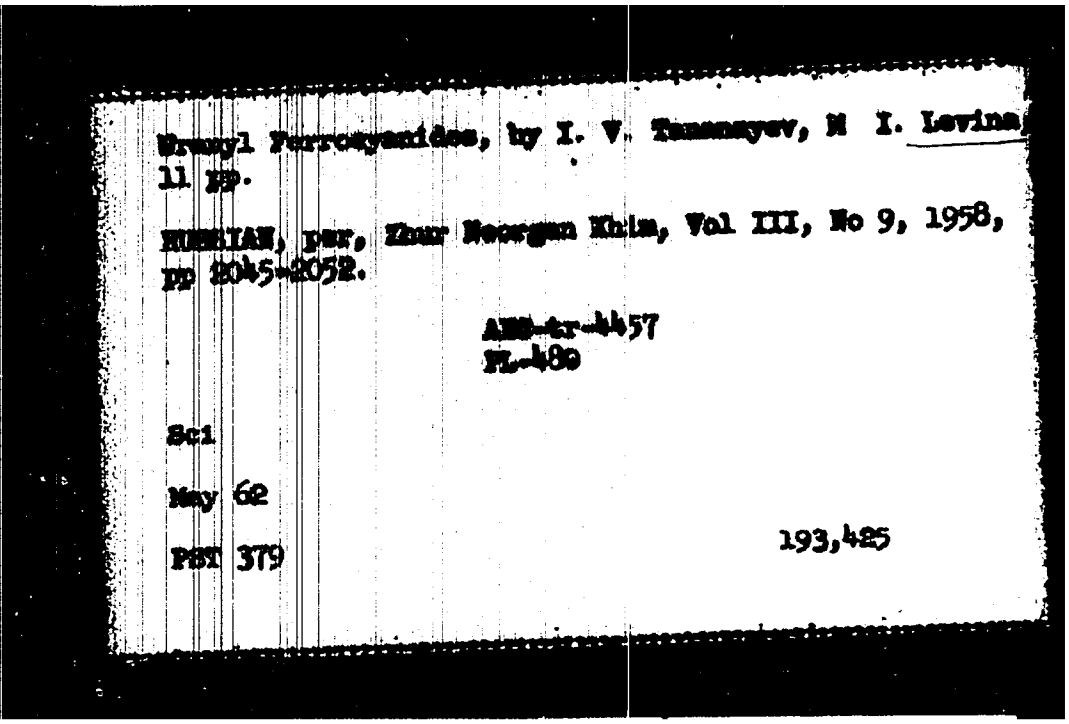

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3 refs.
Order from LC or SLA mi$1.80, ph$1.80 61-10364

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv [i Masel] (USSR) 1960 [v. 5] no. 4, p. 5-7.

A determination of solubility for H_2, N_2, CO, CH_4, and CO_2 gases in diesel fuel and in catalytic-cracking gas oil under 3- to 40-atm pressure was made by using the method of V. V. Plat'yev and M. I. Levina (Khim. Tverdogo Topliva 8: 866, 1937; available in translation from LC or SLA as 59-14126). The solubility coefficient under pressure up to 15 kg/sq cm shows no significant deviation from Henry's law even for CO_2 and CH_4.

(Chemistry--Physical, TT, v. 5, no. 8)

61-10364

1. Gases--Solubility
2. Fuel oil--Solvent properties
I. Levina, M. I.

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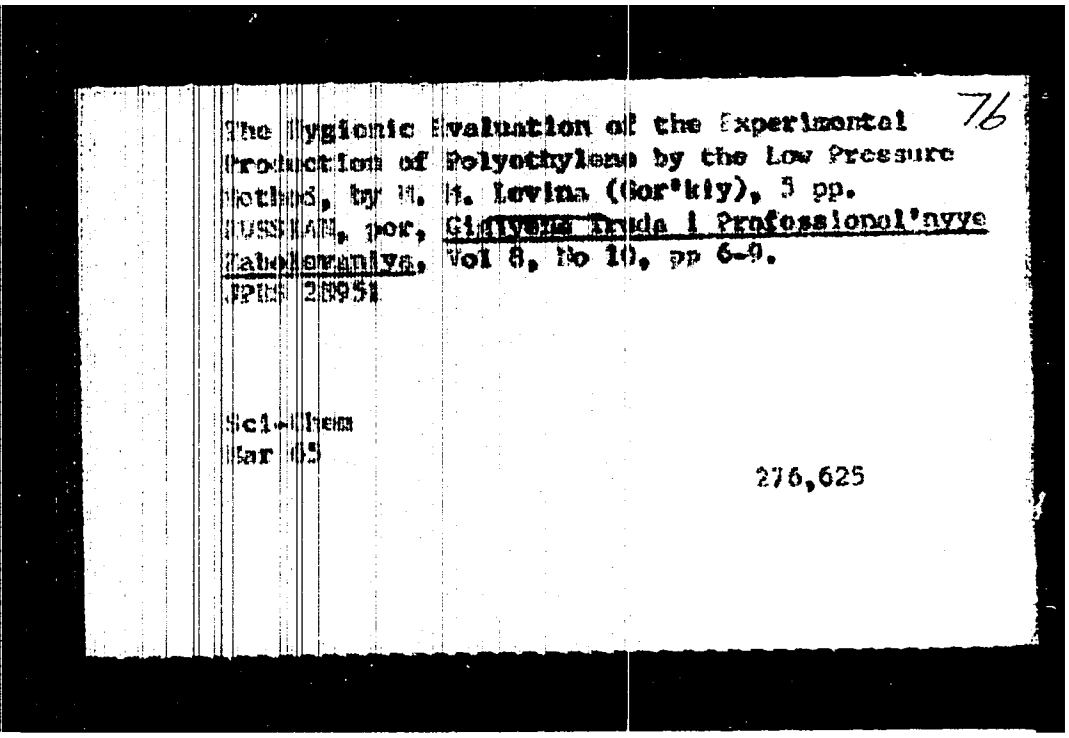

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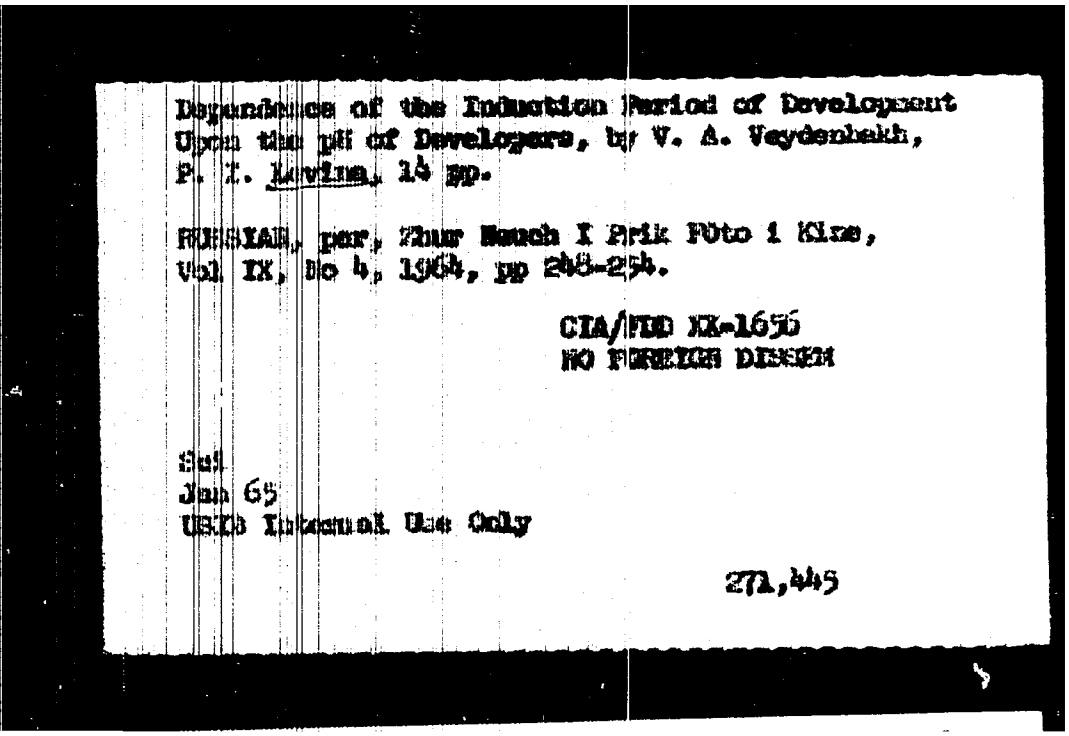

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Effect of Concentration of Developer on the Process of Rapid Development, by P. I. Levina, V. A. Veidenbakh, 11 pp.

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132, 238

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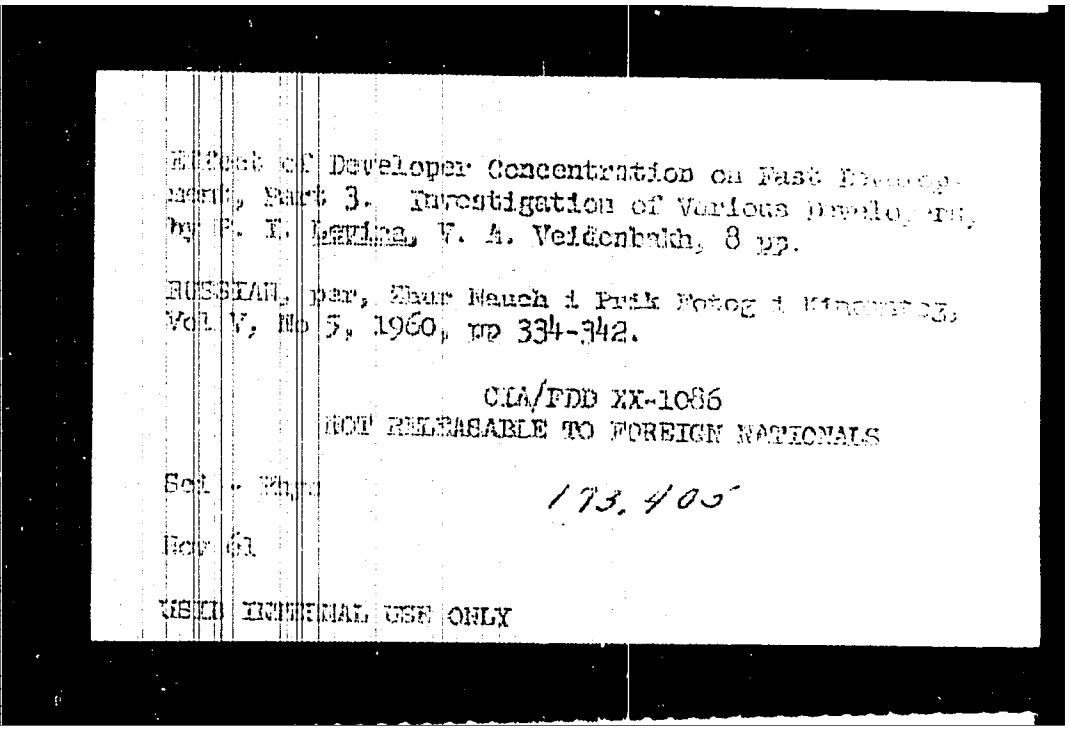

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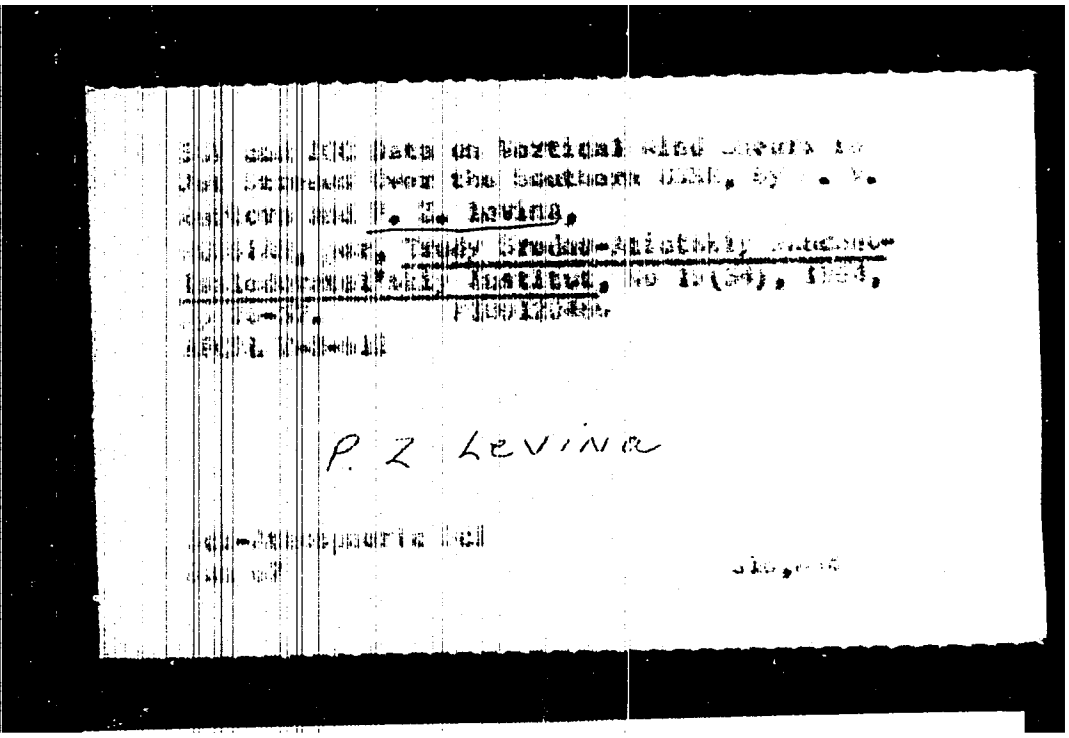

P. Z. Levine

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Study of Alkali-Free and Low-Alkali Glass Composition and of the Technology of Their Manufacture and Working, by I. D. Tykachinskiy, O. K. Botvinkin, L. I. Buneyeva, R. S. Levina, M. V. Okhotin, Yu. V. Rogozhin, Z. M. Syritskaya, 6 pp.

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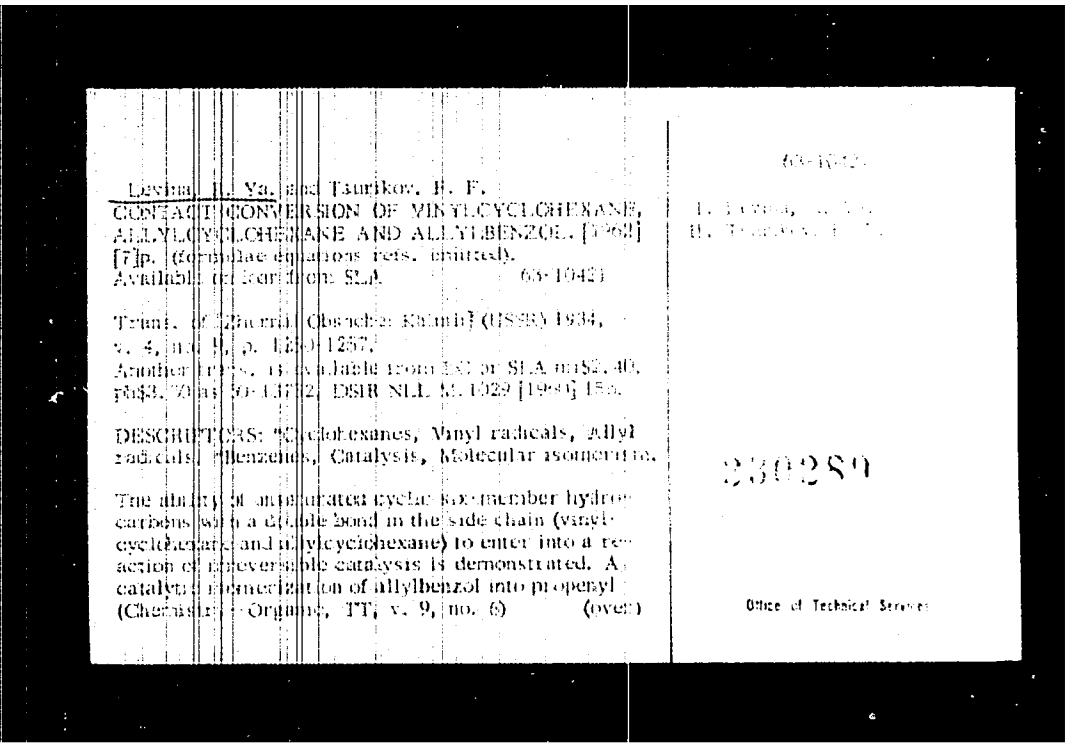

Levina, I. Ya. and Tsurikov, P. F.
CONTACT CONVERSION OF VINYLCYCLOHEXANE, ALLYLCYCLOHEXANE AND ALLYLBENZOL. [1962] [7]p. (formulae equations refs. omitted).
Available from Jerrold Corp. SLA. 63-10421

Trans. of Zhurnal Obshchei Khimii (USSR) 1934, v. 4, no. 9, p. 1250-1257.
Another trans. is available from Jerrold Corp. or SLA no52.40, pa53.70 no 50-13772. DSIR NLL M. 1029 [1959] 15s.

DESCRIPTORS: *Cyclohexanes, Vinyl radicals, Allyl radicals, *Benzenes, Catalysis, Molecular isomerism.

The ability of unsaturated cyclic six-member hydrocarbons with a double bond in the side chain (vinylcyclohexane and allylcyclohexane) to enter into a reaction of reversible catalysis is demonstrated. A catalytic isomerization of allylbenzol into propenyl (Chemistry - Organic, TT; v. 9, no. 6) (over)

63-10421

I. Levina, ... [illegible]
P. Tsurikov, ... [illegible]

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Levina, R. Ya., and Zelinskii, N. D.
CONTACT ISOMERIZATION OF OLEFINS. [1961]
7p. 15 refs.
Order from CTS or SLA $1.10 61-18117

Trans. of Zhurnal Obshchei Khimii (USSR) 1937, v. 7, p. 1587-1593.

DESCRIPTORS: Ethylenes, Isomeric transitions.

(Unannounced)

61-18117

I. Levina, R. Ya.
II. Zelinskii, N. D.

21713

Office of Technical Services

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Synthesis of Hydrocarbons. LXXVII. Sterioisomeric 1,3,5-Trialkyl-(0, 1, 3)1,3-Bicyclohexanes, by R. Ya. Levina, K. S. Shanazarov, 4 pp.

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Interaction of Cyclopropane Hydrocarbons With Mercuric Salts. X. Action of Mercuric Acetate on (C,1,3)-Bicyclohexanes, by R. Ya. Levina, V. N. Kostin, M Kim Dyai Gir, T. K. Ustynyuk, 4 pp

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The Synthesis of Hydrocarbons, 59. (6,1,3)-Bicyclohexanes with Two Quaternary Carbon Atoms, by R. Ya. Levina, Kim Dui Gir, E. N. Smirnova, N. D. Orlova, and E. G. Treshchova, 5 pp.

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Cyclopropanes and Cyclobutanes. VI. p-Nitrophenyl- and p-Aminophenylcyclopropanes, by R. Ya. Levina, Yu. S. Shabarov, V. K. Potapov, 4 pp.

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δ -Lactones. XVIII. Interaction of 5,6-Dialkyl-α-pyrones With Acetylenedicarboxylic Ester. New Synthesis of 3,4-Dialkylphthalic Acids, by M. P. Shusherina, R. Ya. Levina, V. M. Shostakovskiy, 3 pp.

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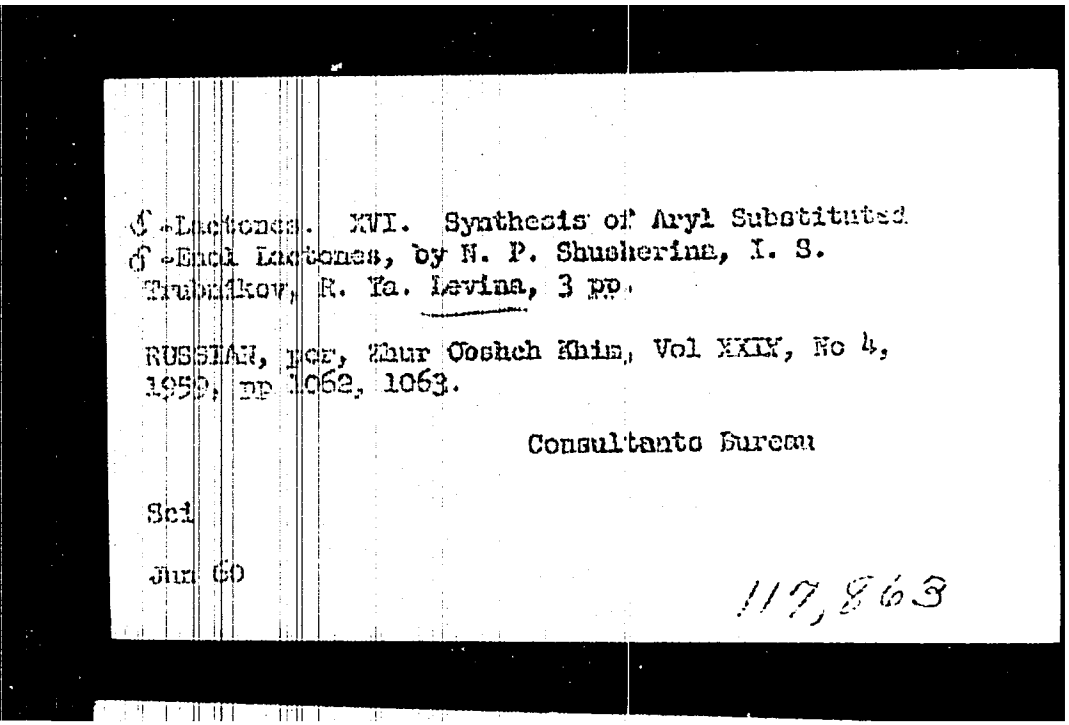

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Reaction of Cyclopropane Hydrocarbons With Mercuric Salts. VII. Thermal Decomposition of Symetrization Products of γ-Mercurated Alcohols, by R. Ya. Levina, V. N. Kostin, V. A. Tartakovskiy, 4 pp.

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Synthesis of Hydrocarbons, 60. Ethylbenzene Homologs from Adducts of Alkadienes with Methylethylmaleic Anhydride, by V. N. Skvarchenko, R. Ya. Levina, and M. G. Kuzmin, 5 pp.

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Levina, R. Ya. and Egorova, S. A.
SYNTHESIS OF BRANCHED-CHAIN OLEFINS AND PARAFFINS. III. INTERACTION OF 2,4-DIMETHYL-2-PENTENYL BROMIDE WITH ALKYLMAGNESIUM HALIDES. [1961] 4p. 9 refs.
Order from OTS or SLA $1.10 61-20121

Trans of Zhurnal Obshchei Khimii (USSR) 1946, v. 16, p. 871-824.

DESCRIPTORS: *Hydrocarbons, *Ethylenes, Octenes, Octanes, Hexanes, *Methyl radicals, Synthesis, *Bromides, *Magnesium compounds, Halides, *Alkyl radical, Organic compounds, Chemical reactions, *Methanes.

Interaction of an unsaturated tertiary bromide, namely 2,4-dimethyl-2-pentenyl bromide, a homolog of allyl bromide, with organomagnesium compounds is a convenient method of synthesis of a branched-chain
(Chemistry--Organic, TT, v. 7, no. 3) (over)

61-20121

I. Levina, R. Ya.
II. Egorova, S. A.
III. Title: Interaction...

Office of Technical Services

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The Synthesis of Hydrocarbons. LXXI. The Synthesis of Dineoalkyls $C_{12}H_{26}$--$C_{14}H_{30}$, by R. Ya. Levina, I. Baukh, P. A. Kaikaris, E. G. Treshchova, 6 pp.

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Synthesis of Hydrocarbons, XV. The Synthesis of Alkynes-3 (γ-Acetylenic Hydrocarbons), by R. Ya. Levina, T. A. Viktorova, B. B. Berezina. 3 pp.

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LEVINA, R. Ya., SKVARCHENKO, V. R., KAZAN, Yu. B., and TRESHCHOVA, E. G., Lab of Org Chem, Moscow State U.,

Synthesis of Olefinic and Paraffinic Hydrocarbons VI. Diolefinic Hydrocarbons in the Synthesis of Hydrocarbons with Centrally Located Double Bond

Zhur Obshch Khim, Vol XIX, No 1, 1949 (Jan), pp 55-60

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Synthesis of Hydrocarbons. XV. The Synthesis of Alkynes-3 (γ-Acetylenic Hydrocarbons), by R. Ya. Levina, B. A. Viktorova, B. B. Berezina. 3 pp.

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Cyclopropane and Cyclobutanes. XVI. p-Chloro and p-Bromophenylcyclobutanes, by Yu. S. Shabarov, R. Ya. Levina, N. I. Vasil'yev, 2 pp.

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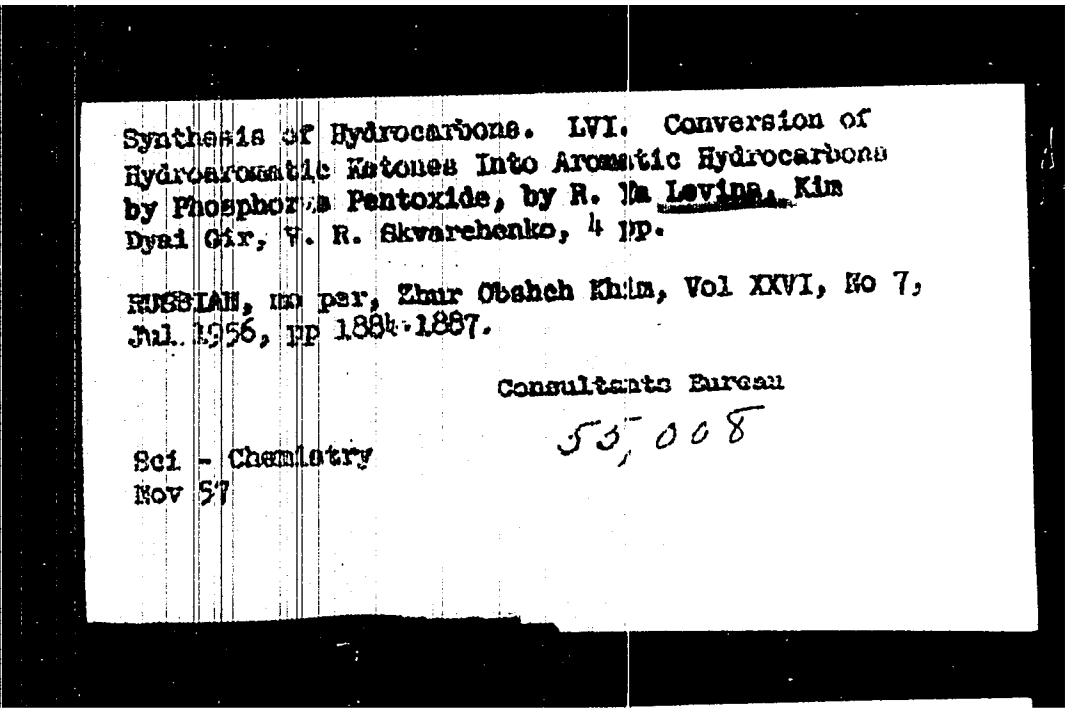

Synthesis of Hydrocarbons. LVI. Conversion of Hydroaromatic Ketones Into Aromatic Hydrocarbons by Phosphorus Pentoxide, by R. Ya Levina, Kim Dyai Gir, V. R. Skvarchenko, 4 pp.

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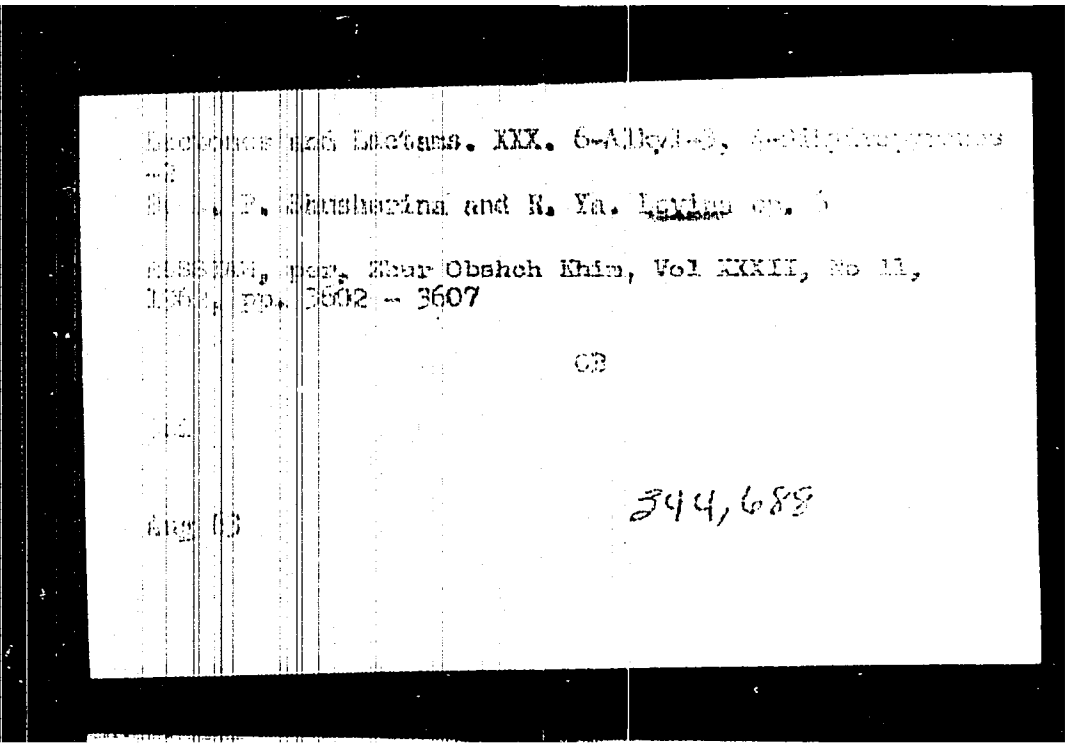

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[illegible] P. Khmelnitskaya and K. Ya. Levina

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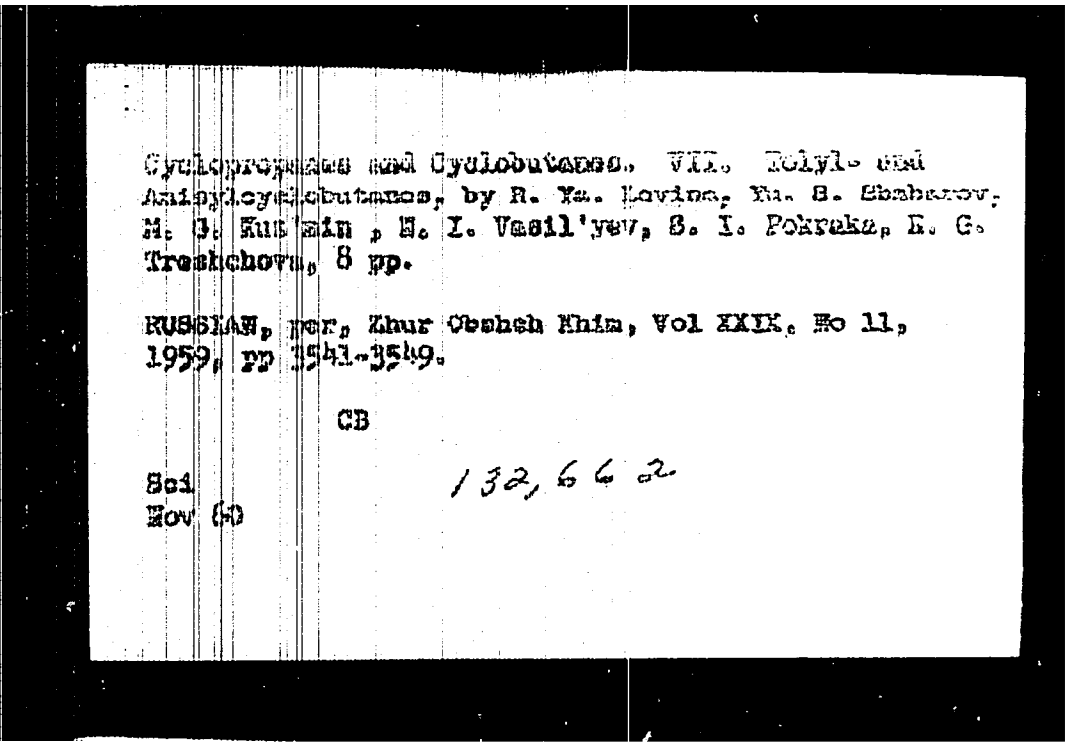

Cyclopropanes and Cyclobutanes. VII. Tolyl- and Anisylcyclobutanes, by R. Ya. Levina, Kh. S. Shabarov, N. G. Kuz'min, N. I. Vasil'yev, S. I. Pokreka, K. G. Treshchova, 8 pp.

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Barbituric Acids, II. Synthesis of Methylene-Bis-5-Alkenylbarbituric Acids, by R. Ya. Levina, N. N. Godovikov, 9 pp.

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Synthesis of Hydrocarbons. XLV. Synthesis of Cyclohexene and Cyclohexane Hydrocarbons With a Quarternary Carbon Atom, Based Upon 1.3-Dimethyl Cyclohexadiene-1.3., by R. Ya. Levina, N. P. Shusherina, Kim Dyai Gir, E. G. Treshchova, 6 pp.

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by R. Ya. Levina, F. K. Velichko, 22 pp.

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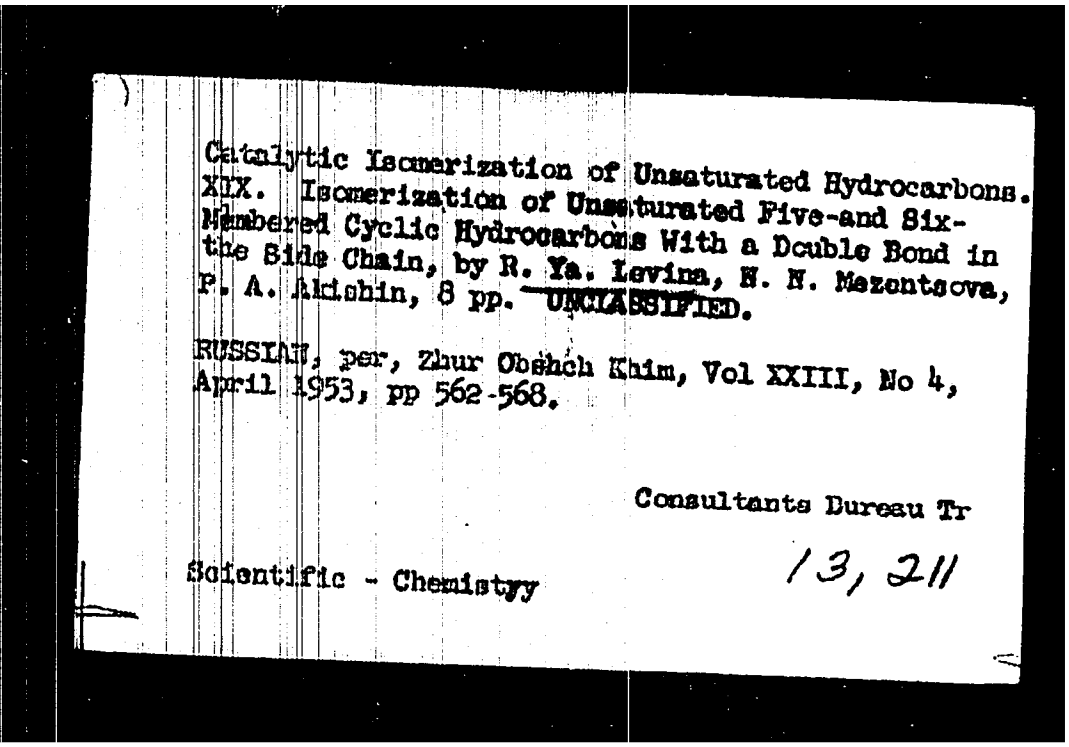

Catalytic Isomerization of Unsaturated Hydrocarbons. XIX. Isomerization of Unsaturated Five-and Six-Membered Cyclic Hydrocarbons With a Double Bond in the Side Chain, by R. Ya. Levina, N. N. Mezentsova, P. A. Akishin, 8 pp. UNCLASSIFIED.

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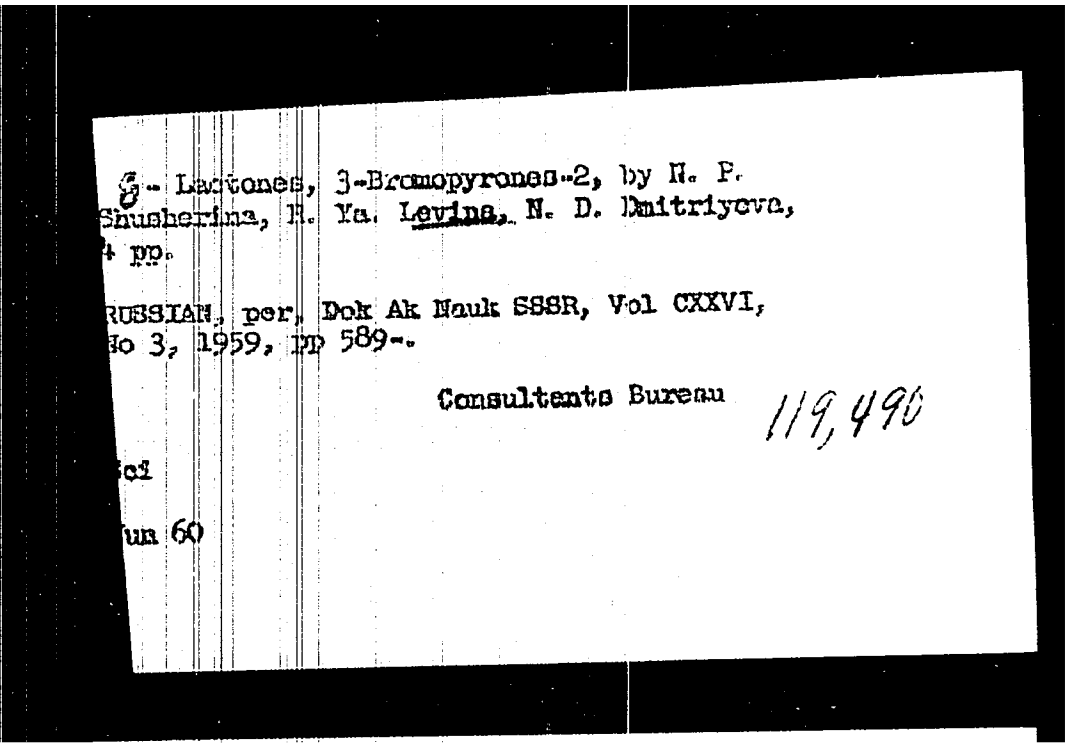

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Aromatic Hydrocarbons. XVI. Aromatization of Halogen Substituted Tetrahydrophthalic Acids (adducts of diene synthesis) under the Action of Phosphorus Pentoxide, by V. R. Skvarchenko, R. Ya. Ievina, E. M. Belyavskaya, 3502 pp.

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Synthesis of Hydrocarbons. XLVII. Sythesis of Cyclohexene and Cyclohexane Hydrocarbons with a Quaternary Carbon Atom on the Basis of 1,3,5-Trimethylcyclohexadiene-1,3, by R. Ya. Levina, Kim Dyay Gir, N. P. Shusherina, 4 pp.

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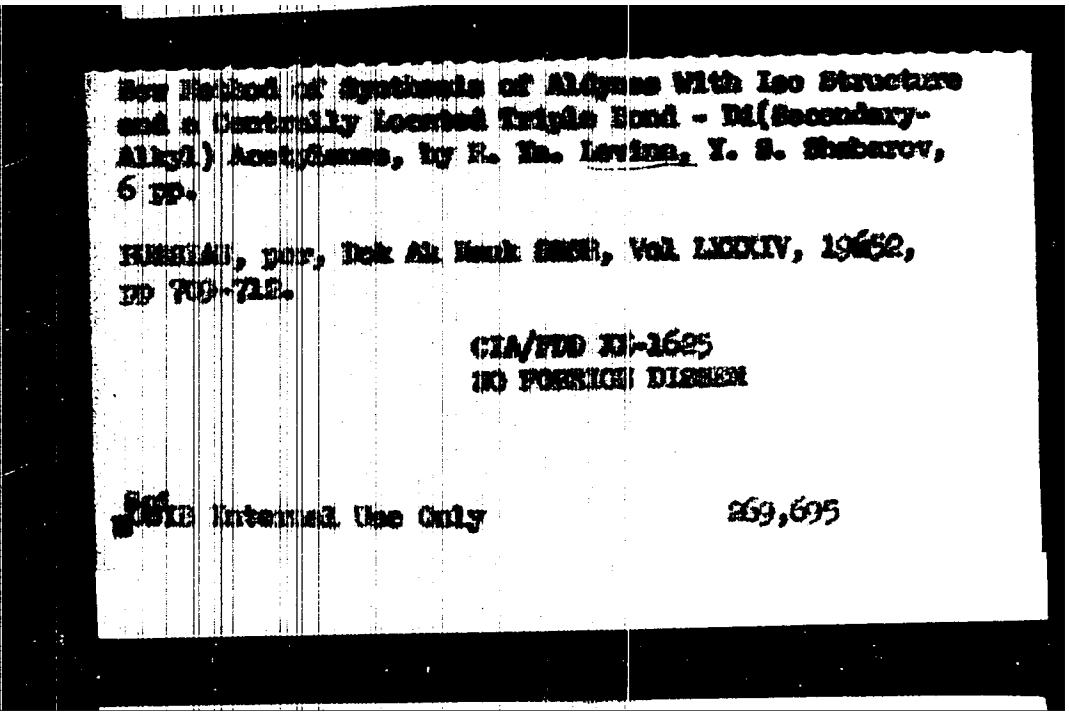

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Synthesis of Hydrocarbons. LXXIX. Synthesis of Stereoisomeric 1,3-Dimethyl-5-Alkylbicyclo[3.1.0]hexanes and their Raman Spectra

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Aromatic Hydrocarbons. X. Synthesis of Polymethyldiethylbenzenes From Adducts of 3,4-Diethyl-2,4-Hexadiene With Maleic and Alkylmaleic Anhydrides, by V. R. Skvarchenko, R. Ya. Levina, N. F. Karpenko, 4 pp.

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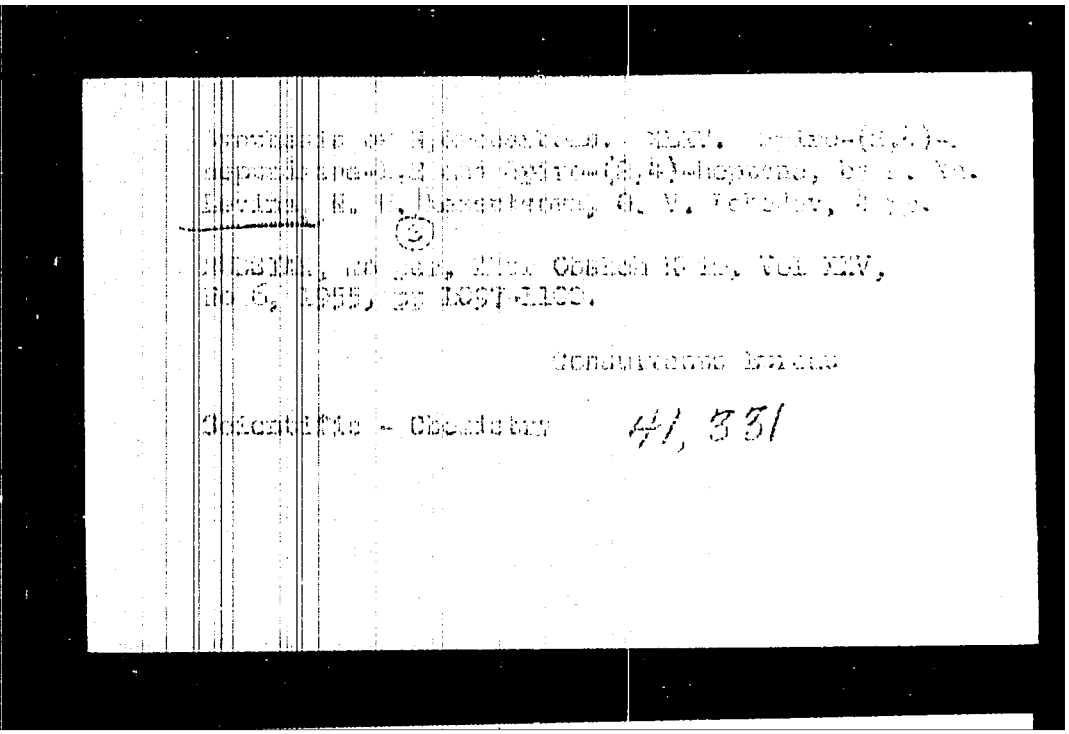

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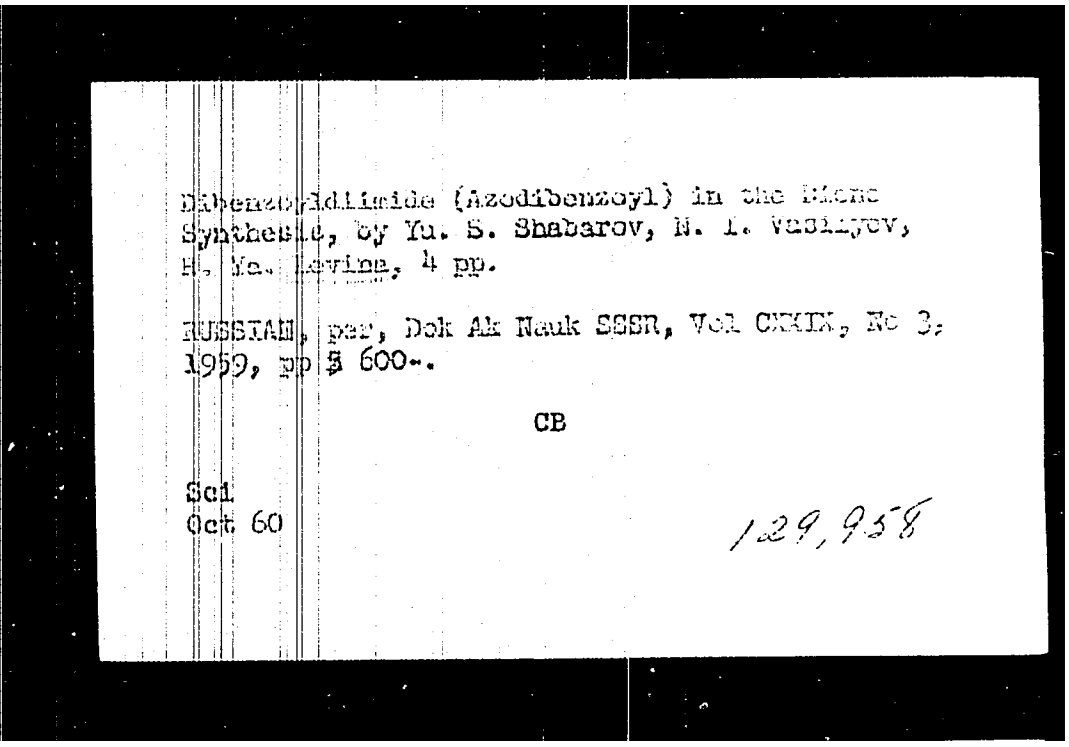

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